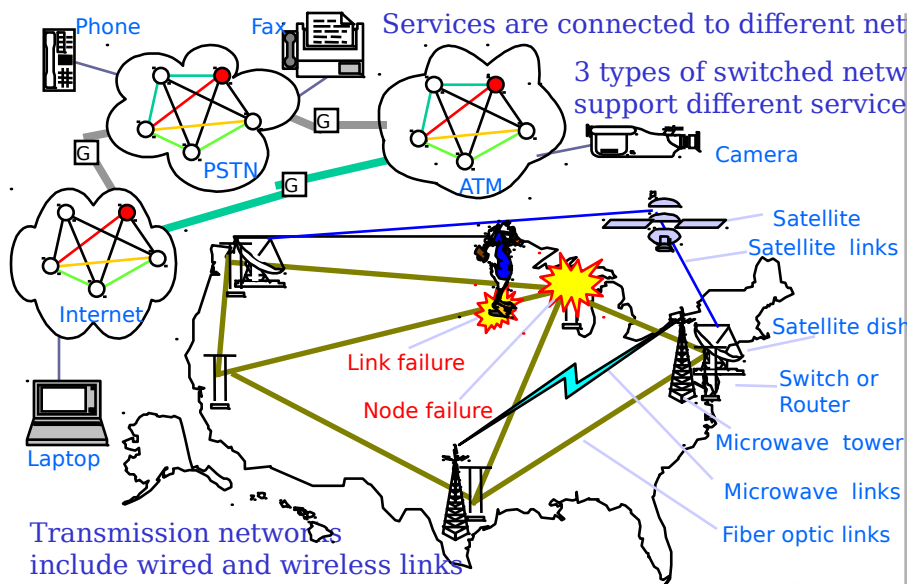


# Self-Configuring Survivable Multi-Networks for Information Systems

## Survivability : CoSMoS



## New Ideas

- Multi-Networks approach to Network Survivability
- Development of new models and algorithms for multi-networks survivability
- Analysis of transient network behavior under an attack
- Multi-level network management and control approach to reduce impact of an attack/failure

## Impact

- Acceptable service guarantee for high-priority traffic under an attack/failure
- New routing and control algorithms for activation under an attack
- Algorithms and tool development with the intent of technology transfer
- Demonstration through implementation on mini multi-networks (MIMIC) testbed

## Schedule

- Start
- June 1997 Initial development of models/algorithms;
- June 1998 Continuation of model development and refinement of algorithms;  
Initial prototype software tools for design and management;  
Initial setup of MIMIC testbed;
- June 1999 Refined prototype software tools & refined algorithms/models;
- June 2000 Implementation on MIMIC testbed;